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Sheet	1	of	4	Attorney Docket Number
				JHUC-P01-021

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ² -Number ³ -Kind Code ⁴ (if known)	MM-DD-YYYY		
BA	EP-0 692 510		12-22-2004	Mass. Inst. of Technology	
BB	WO-02/053189		07-11-2002	Timmerman, B.	
BC	WO-2005/072710		08-11-2005	Johns Hopkins University	
BD	WO-2007/133808		11-22-2007	Liquidia Technologies, Inc.	
BE	WO-98/29097		07-09-1998	Quadrant Holdings Cambridge Ltd.	
BF	WO-99/01498		01-14-1999	Danbiosyst UK Limited	
BG	WO-95/22318		08-24-1995	Vernnon et al.	
BH	WO-95/03356		02-02-1995	Mass. Inst. of Technology	

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH /M S/

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Substitute for form 1449/PTO				Complete If Known	
				Application Number	10/587,512
				Filing Date	November 8, 2007
				First Named Inventor	Justin Hanes
				Art Unit	1632
				Examiner Name	M. K. Sgagias
Sheet	2	of	4	Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
/M.S./	CH	Albertsson et al., Characterization and Degradation to Aliphatic Polyanhydrides. British Polymer J. 23, 205-12 (1990)				
	CI	Brorson et al., Mutational Analysis of Avidity and Fine Specificity of Anti-Levan Antibodies. J. Immunol. Vol. 163, pages 6694-6701 (1999)				
	CJ	Brummell et al., Probing the combining site of an anti-carbohydrate antibody by saturation-mutagenesis: role of the heavy-chain CDR3 residues. Biochemistry Vol. 32 pages 1180-1187 (1993)				
	CK	Burki et al., In vitro scanning saturation mutagenesis of an antibody binding pocket. PNAS Vol. 94, pages 412-417 (1997)				
	CL	Chan, et al. Phase behavior and miscibility in blends of poly(sebacic anhydride)/ poly(ethylene glycol). Biomaterials 23, 2353-58 (2002)				
	CM	Colman, Effects of amino acid sequence changes on antibody-antigen interactions. Research in Immunol. Vol. 145 pages 33-36 (1994)				
	CN	Dawson et al., Enhanced Viscelasticity of Human Cystic Fibrotic Sputum Correlates with Increasing Microheterogeneity in Particle Transport. The Journal of Biological Chemistry. Vol. 278 pages 50393-50401 (2003)				
	CO	Dufner et al., Harnessing phage and ribosome display for antibody optimisation. Trends Biotechnol. Vol. 24, No. 11, pages 523-529 (2006)				
	CP	Ehrhardt et al., Drug Absorption by the Respiratory Mucosa: Cell Culture Models and Participate Drug Carriers. Journal of Aerosol Medicine. Vol. 15, No. 2, pages 131-139 (2002)				

Examiner Signature	/Magdalene Sgagias/	Date Considered	05/18/2010
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¹EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

²Applicant's unique citation designation number (optional) ³Applicant is to place a check mark here if English language Translation is attached

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/M.S. ³	Q	Jang et al., The structural basis for DNA binding by an anti-DNA autoantibody. <i>Molec. Immunol.</i> Vol. 35, pages 1207-1217 (1998)				
	CR	Jiang et al. Preparation, characterization and degradation characteristics of polyanhydrides containing poly(ethylene glycol). <i>Polym. Int.</i> 48, 47-52 (1999)				
	CS	Jiang et al., Pulsatile protein release from a laminated device comprising of polyanhydrides and pH-sensitive complexes. <i>Int. J. Pharmaceutics</i> 194, 51-60 (2000)				
	CT	Kobayashi et al., Tryptophan H33 plays an important role in pyrimidine (6-4) pyrimidone photoproduct binding by a high-affinity antibody. <i>Protein Engineering</i> Vol. 12, pages 879-884 (1999)				
	CU	Lai et al., Rapid transport of large polymeric nanoparticles in fresh undiluted human mucus. <i>PNAS</i> Vol. 104, No. 5 pages 1482-1487 (2007)				
	CV	Lipman et al., Monoclonal Versus Polyclonal Antibodies: Distinguishing Characteristics, Applications, and Information Resources. <i>ILAR Journal</i> Vol. 46, No. 3, pages 258-268 (2005)				
	CW	Liyan, Q. et al. Compatibility and degradation of new polyphosphazene/polyanhydride blend. <i>Gaofenzi Xuebao</i> 5, 660-664 (2001), Chemical Abstracts Service, Accession No. 2001:617417.				
	CX	Peracchia, M. T. et al. PRG-coated nanospheres from amphiphilic diblock and multiblock copolymers: investigation of their drug encapsulation and release characteristics. <i>J. Controlled Release</i> 46, 223-231 (1997).				
	CY	Qiu, L. Y. & Zhu, K. J. Design of a core-shelled polymer cylinder for potential programmable drug delivery. <i>Int. J. Pharm.</i> 219, 151-160 (2001).				
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/M.S./	Cz	Rolland et al., Direct Fabrication and Harvesting of Monodisperse, Shape-Specific Nanobiomaterials. J. AM. Chem. Soc. Vol. 127 pages 10096-10100 (2005)				
	CA1	Shuai, X. et al. Synthesis and characterization of several degradable aliphatic poly(ether anhydrides). J. Beijing Inst. Tech. 5, 130-136 (1996), Chemical Abstract Service, Accession No. 1997:364424.				
	CB1	Wu, C. et al. Novel Nanoparticles Formed via Self-Assembly of Poly(ethylene glycol- <i>b</i> -sebacic anhydride) and Their Degradation in Water. <i>Macromolecules</i> 33, 9040-9043 (2000).				

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